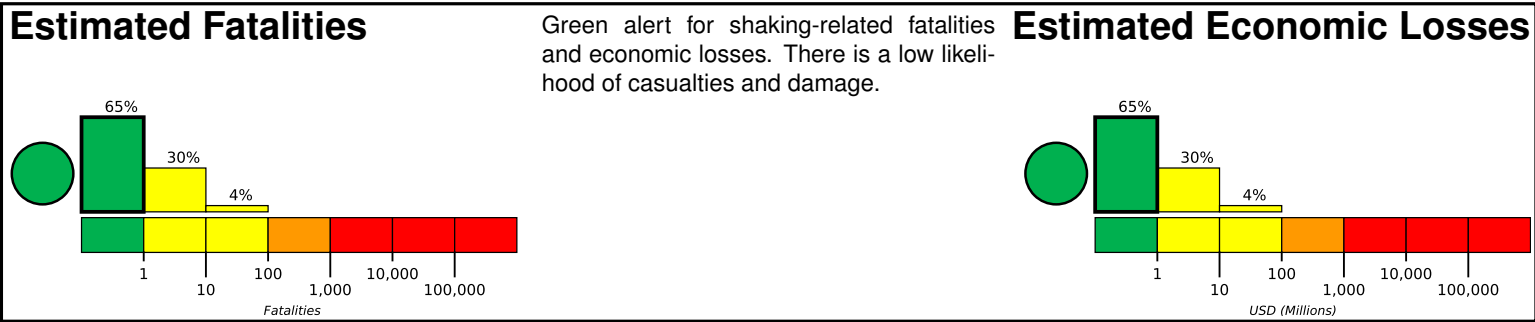


M 4.0, 163 km E of Cape Canaveral, Florida

Origin Time: 2024-02-08 03:48:07 UTC (Wed 22:48:07 local)
Location: 28.5574° N 78.9438° W Depth: 10.0 km

PAGER Version 3

Created: 2 hours, 8 minutes after earthquake

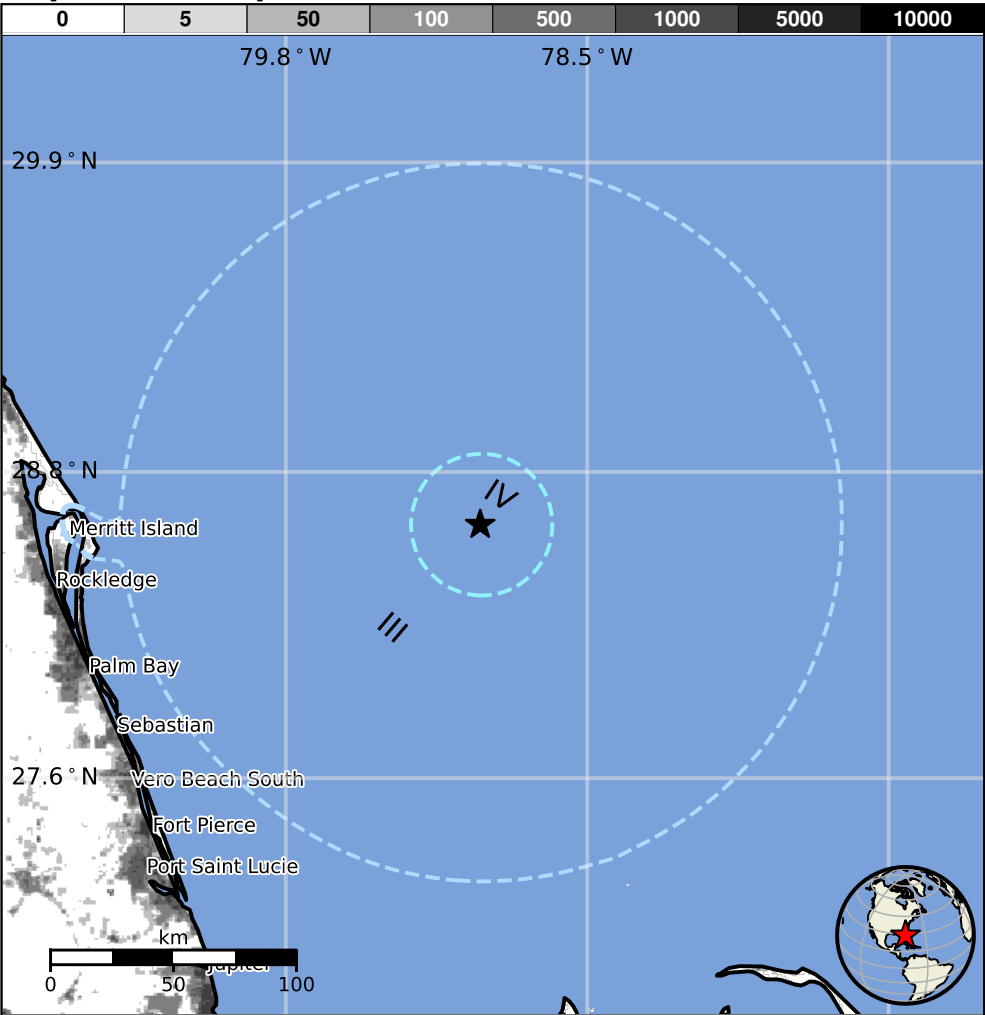


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	1,698k	0	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are resistant to earthquake shaking, though vulnerable structures exist. The predominant vulnerable building types are unreinforced brick masonry and reinforced masonry construction.

Historical Earthquakes

There were no earthquakes with significant population exposure to shaking within a 400 km radius of this event.

Selected City Exposure

from GeoNames.org		
MMI	City	Population
III	Cape Canaveral	10k
III	Cocoa Beach	11k
II	Oak Hill	2k
II	Roseland	1k
II	Merritt Island	35k
II	Mims	7k
II	Palm Bay	103k
II	Melbourne	76k
II	Port Saint Lucie	165k
II	Jupiter	55k
II	Palm Beach Gardens	48k